

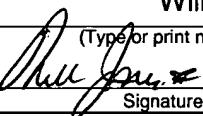


PATENT: 06316D1 USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLI-
CATION OF : Paul Higginbotham
SERIAL NO. : 10/723,226 : GRP. ART UNIT:3744
FILED : 11/26/2003 : EXAMINER: William Charles Doerrler
FOR : Process and Apparatus for the Recovery of Krypton and/or Xenon

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450	
ON	9 July 2004
Date	
Willard Jones, II	
(Type or print name of person mailing paper)	
	
Signature of person mailing paper	

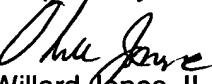
Sir:

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97(d)

The Information Disclosure Statement transmitted herewith is being filed *after* the period specified in paragraph 1.97(c), but on or before payment of the issue fee.

In accordance with the requirements of 37 C.F.R. 1.97(d), accompanying this transmittal is a statement, as specified in 37 C.F.R. 1.97(e) and the fee set forth in § 1.17(p).

Respectfully submitted,


Willard Jones, II
Attorney for Applicant(s)
Registration No. 31,172

7201 Hamilton Boulevard
Allentown, PA 18195-1501
(610) 481-4587

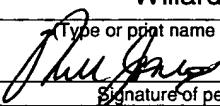


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Sir:

**STATEMENT FOR INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97(e)**

This statement is being made for the Information Disclosure statement

accompanying this statement.
or
 filed on _____.

I, the person(s) signing below, state:

that each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement. 37 CFR 1.97(e)(1).
or
 that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56(c) more than three months prior to the filing of the statement. 37 CFR 1.97(e)(2).

07/14/2004 HLE333 0000048 010493 10723226

01 FC:1806 180.00 DA

The person making this statement is the attorney/agent who signs below on the basis of the information:

- supplied by the inventor(s).
- supplied by an individual designated in § 1.56(c).
- in the attorney's file.

Respectfully submitted,



Willard Jones, II
Attorney for Applicant(s)
Registration No. 31,172

7201 Hamilton Boulevard
Allentown, PA 18195-1501
(610) 481-4587

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OIEE
JUL 12 2004
PATENT & TRADEMARK OFFICE

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180)

Complete if Known

Application Number	10/723,226
Filing Date	11/26/2003
First Named Inventor	Paul Higginbotham
Examiner Name	William Charles Doerrler
Art Unit	3744
Attorney Docket No.	06316D1 USA

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number 01-0493

Deposit Account Name Air Products and Chemicals, Inc.

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$)	0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X 18 =	0
Multiple Dependent	- 3** =	X 86 =	0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$)

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	180.00
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

180

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Willard Jones, II	Registration No. (Attorney/Agent)	31,172	Telephone	610 481 4587
Signature	<i>Willard Jones</i>			Date	9 July 2004

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08A (08-03)

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Substitute for form 1449/PTO				Complete if Known	
				Application Number	10/723,226
				Filing Date	11/26/2003
				First Named Inventor	Paul Higginbotham
				Art Unit	3744
				Examiner Name	William Charles Doerrler
Sheet	1	of	2	Attorney Docket Number	
U. S. PATENT DOCUMENTS					

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- US 3768270A	30 October 1973	Schuftan P	Figure 1
		US- US 4805412A	21 February 1989	Colley, Charles R et al	Column 5, line 17-26, figures
		US- US 3971640A	27 July 1976	Golovko, Georgy	Example 3
		US- US 5122173A	16 June 1992	Agrawal Rakesh et al	Whole document
		US-			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
		GB 812397A	22 April 1959	British Oxygen Co Ltd	Page 2, line 86-105
		DE 566151C	16 Dec 1932	Linde Eismasch AG	Page 2, line 68, page 3, line 4; figures 1, 2
		EP 1308680A	7 May 2003	Linde AG	Figures

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/723,226
				Filing Date	11/26/2003
				First Named Inventor	Paul Higginbotham
				Art Unit	3744
				Examiner Name	William Charles Doerrler
Sheet	2	of	2	Attorney Docket Number	06316D1 USA

NON-PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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